
Product Data Sheet

Product Name: GLUT4 activator 1

Cat. No.: GC36155

Chemical Properties

Cas. No. 2253733-37-6

SMILES COCCOC1=CC=CC=C1C2=C(SC=C3)C3=C(NC4=CC=C(CC(N)=O)C=C4F)N=N2

Formula C₂₃H₂₁FN₄O₃S M.Wt 452.5

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with Condition RT , or blue ice upon request.

Structure **Background**

GLUT4 activator 1 (Compound 26b) is a potent glucose transporter type 4 (GLUT4) translocation activator with an EC₅₀ of 0.14 μM[1].

[1]. Tsuji T, et al. Discovery of novel pyridazine derivatives as glucose transporter type 4 (GLUT4) translocation activators. Bioorg Med Chem Lett. 2019 Jul 15;29(14):1785-1790.

Caution: Product has not been fully validated for medical applications. For research use only.

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